

Substitute for form 1449/PTO				<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<b>Application Number</b>	09/933,972
<i>(Use as many sheets as necessary)</i>				<b>Filing Date</b>	2001-08-20
				<b>First Named Inventor</b>	HAWKES, Philip
				<b>Art Unit</b>	2439
				<b>Examiner Name</b>	SIMITOSKI, MICHAEL J
<b>Sheet</b>	1	<b>of</b>	8	<b>Attorney Docket No:</b> 010497	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2(if known)</sup>			
	001	US5056109	10-08-1991	GILHOUSEN; Klein S., et al.	
	002	US5235631	08-10-1993	GRUBE; Gary W., et al.	
	003	US5365572	11-15-1994	SAEGUSA; Noboru, et al.	
	004	US5881368	03-09-1999	GROB; Matthew S., et al.	
	005	US5884196	03-16-1999	LEKVEN; Eric J., et al.	
	006	US5970417		TOYRYLA; Hannu, et al.	
	007	US5983099	11-09-1999	YAO; Yu-Dong, et al.	
	008	US6006073	12-21-1999	GLAUNER; Martin, et al.	
	009	US6058289	05-02-2000	GARDNER; Steven Holmsen, et al.	
	010	US6067290	05-23-2000	PAULRAJ; Arogyaswami J., et al.	
	011	US6353614	03-05-2002	BORELLA; Michael S., et al.	
	012	US6415312	07-02-2002	BOIVIE; Richard H.	
	013	US6473419	10-29-2002	GRAY; Steven D., et al.	
	014	US6502140	12-31-2002	BOIVIE; Richard H.	
	015	US6523069	02-18-2003	LUCZYCKI; Edward A., et al.	
	016	US6529740	03-04-2003	GANUCHEAU; Jr. Charles Joseph, et al.	
	017	US6539242	03-25-2003	BAYLEY; Gwain	
	018	US6577848	06-10-2003	GREGG; Ralph Charles, et al.	

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	019	US6728226	04-27-2004	NAITO; Kosuke	
	020	US6731936	05-04-2004	CHEN; Tao, et al.	
	021	US6804520	10-12-2004	JOHANSSON; Ingemar, et al.	
	022	US6831910	12-14-2004	MOON; Hi-Chan, et al.	
	023	US6920119	07-19-2005	RINCHIUSO; Joseph	
	024	US6956833	10-18-2005	YUKIE; Satoru, et al.	
	025	US6978143	12-20-2005	VIALEN; Jukka	
	026	US6983410	01-03-2006	CHEN; Tao, et al.	
	027	US6987982	01-17-2006	WILLENEGGER; Serge, et al.	
	028	US7133353	11-07-2006	SOUROUR; Essam, et al.	
	029	US20010036200	11-01-2001	NELSON; G. Rodney, et al.	
	030	US20010036834	11-01-2001	DAS; Subir, et al.	
	031	US20020181423	12-05-2002	CHEN; Tao, et al.	
	032	US20030134655	07-17-2003	CHEN; Tao, et al.	

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> - Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
	033	EP0993128A1	04-12-2000	MOTOROLA INC [US]	<input type="checkbox"/>

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		Country Code <sup>3</sup> - Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	034	EP0999656A1	05-10-2000	NEC CORP [JP]		<input type="checkbox"/>
	035	EP1143635A1	10-10-2001	NTT DOCOMO INC [JP]		<input type="checkbox"/>
	036	JP03179841	05-08-1991	MATSUSHITA ELECTRIC IND CO LTD.		<input type="checkbox"/>
	037	JP06125554	05-06-1994	COMMUNICATIONS SATELLITE CORP (COMSAT)		<input checked="" type="checkbox"/>
	038	JP10023529A	01-23-1998	NIPPON TELEGRAPH &AMP, et al.		<input type="checkbox"/>
	039	JP10051380A	02-20-1998	MITSUBISHI ELECTRIC CORP.		<input type="checkbox"/>
	040	JP10093547	04-10-1998	CANON KK.		<input checked="" type="checkbox"/>
	041	JP10191459	07-21-1998	NOKIA MOBILE PHONES LTD.		<input checked="" type="checkbox"/>
	042	JP10240826	11-09-1998	CARD KOOLE SERVICE KK.		<input type="checkbox"/>
	043	JP10512428	11-24-1998	KONINKL PHILIPS ELECTRONICS NV.		<input type="checkbox"/>
	044	JP1101042	04-19-1989	NEC CORP.		<input type="checkbox"/>
	045	JP11127468	05-11-1999	FUJITSU LTD .		<input checked="" type="checkbox"/>
	046	JP11161167	06-18-1999	PUMPKIN HOUSE:KK.		<input type="checkbox"/>
	047	JP11513853	11-24-1999	NOKIA TELECOMMUNICATIONS OY [FI]		<input type="checkbox"/>
	048	JP2000261374A	09-22-2000	MATSUSHITA ELECTRIC IND CO LTD .		<input type="checkbox"/>
	049	JP2000269959	09-29-2000	LUCENT TECHNOL INC.		<input type="checkbox"/>

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<b>First Named Inventor</b>	HAWKES, Philip
<b>Art Unit</b>	2439
<b>Examiner Name</b>	SIMITOSKI, MICHAEL J

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		Country Code <sup>3</sup> - Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	050	JP2000295541	10-20-2000	MATSUSHITA ELECTRIC IND CO LTD.		<input checked="" type="checkbox"/>
	051	JP2000324155A	11-24-2000	HITACHI LTD .		<input type="checkbox"/>
	052	JP2001016253A	01-19-2001	HITACHI LTD .		<input type="checkbox"/>
	053	JP2001045100A	02-16-2001	LUCENT TECHNOLOGIES INC .		<input type="checkbox"/>
	054	JP2001077859	03-23-2001	CIT ALCATEL.		<input checked="" type="checkbox"/>
	055	JP200136941	02-09-2001	NOKIA MOBILE PHONES LTD.		<input checked="" type="checkbox"/>
	056	JP2001500327	01-09-2001	ERICSSON TELEFON AB L M [SE]		<input type="checkbox"/>
	057	JP2002175505	06-21-2002	CITIZEN WATCH CO LTD.		<input checked="" type="checkbox"/>
	058	JP2002216040	08-02-2002	NIPPON TELEGRAPH & TELEPHONE EAST CORP.		<input checked="" type="checkbox"/>
	059	JP2002232962	08-16-2002	KDDI CORP.		<input checked="" type="checkbox"/>
	060	JP2002300152	10-11-2002	HITACHI LTD.		<input checked="" type="checkbox"/>
	061	JP2002319936	10-31-2002	NTT DOCOMO INC.		<input type="checkbox"/>
	062	JP2002514024	05-14-2002	GIESECKE & DEVRIENT GMBH [DE]		<input type="checkbox"/>
	063	JP2003115832	04-18-2003	NIPPON HOSO KYOKAI <NHK>		<input type="checkbox"/>
	064	JP2003124927	04-25-2003	SONY CORP.		<input type="checkbox"/>
	065	JP2003503896	01-28-2003	ERICSSON TELEFON AB L M .		<input type="checkbox"/>
	066	JP200352029	02-21-2003	NEC CORP.		<input checked="" type="checkbox"/>

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	067	JP2003521843T	07-15-2003	MOTOROLA INC [US]		<input type="checkbox"/>
	068	JP2004343764	12-02-2004	LUCENT TECHNOLOGIES INC.		<input type="checkbox"/>
	069	JP2004533174	10-28-2004	QUALCOMM INC [US]		<input type="checkbox"/>
	070	JP200480663	03-11-2004	ABEL SYSTEMS INC.		<input type="checkbox"/>
	071	JP2005509367	04-07-2005	QUALCOMM INCORPORATED.		<input type="checkbox"/>
	072	JP2005512471	04-28-2005	QUALCOMM INCORPORATED.		<input type="checkbox"/>
	073	JP7193569	07-28-1995	SUN MICROSYSTEMS INC.		<input checked="" type="checkbox"/>
	074	KR20000062153	10-25-2000	LUCENT TECHNOLOGIES INC.		<input checked="" type="checkbox"/>
	075	KR20010030696	04-16-2001	TELEFONAKTIEBOLAGET LM ERICSSON(PUBL)		<input checked="" type="checkbox"/>
	076	TW353841	03-01-1999	SCIENTIFIC-ATLANTA, INC.US.		<input type="checkbox"/>
	077	TW373372	11-01-1999	LIN, HENG-DAOTW.		<input type="checkbox"/>
	078	TW388158	04-21-2000	TELCORDIA TECHNOLOGIES INCUS.		<input type="checkbox"/>
	079	TW448658	08-01-2001	NTT MOBILE COMMUNICATIONS NETWORK INC.		<input type="checkbox"/>
	080	TW502190	09-11-2002	TAIWAN CELLULAR CORP.TW.		<input type="checkbox"/>
	081	WO00074311	12-07-2000	MOTOROLA INC.,US.		<input type="checkbox"/>
	082	WO01013358	02-22-2001	FUJITSU LIMITED.		<input type="checkbox"/>

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	083	WO01020805	03-22-2001	MOTOROLA INC.,US.		<input type="checkbox"/>
	084	WO0145443	06-21-2001	TELEFONAKTIEBOLAGET LM ERICSSON.		<input type="checkbox"/>
	085	WO02096150	11-28-2002	QUALCOMM INCORPORATED,US.		<input type="checkbox"/>
	086	WO03051072	06-19-2003	QUALCOMM INCORPORATED.		<input type="checkbox"/>
	087	WO2002047356	06-13-2002	THOMSON LICENSING S.A.		<input type="checkbox"/>
	088	WO2003001772	03-01-2003	PAPERLESS INTERACTIVE NEWSPAPER, LLC.		<input type="checkbox"/>
	089	WO9810604A1	03-12-1998	NOKIA MOBILE PHONES LTD.		<input type="checkbox"/>
	090	WO9857509A2	12-17-1998	NOKIA TELECOMMUNICATIONS OY [FI]		<input type="checkbox"/>
	091	WO99022466A1	05-06-1999	MOTOROLA INC [US]		<input type="checkbox"/>
	092	WO9966657A1	12-23-1999	SAMSUNG ELECTRONICS CO LTD [KR]		<input type="checkbox"/>

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
	093	Alfred J. Menezes, Paul C. van Oorschot and Scott A. Vanstone. "Handbook of APPLIED CRYPTOGRAPHY, CRC Press. (October 1996): p. 364 (in particular, refer to section 9.6.3), <a href="http://www.cacr.math.uwaterloo.ca/hac/about/chap9.pdf">http://www.cacr.math.uwaterloo.ca/hac/about/chap9.pdf</a> .	<input type="checkbox"/>

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<i>(Use as many sheets as necessary)</i>				<b>Filing Date</b>	2001-08-20
				<b>First Named Inventor</b>	HAWKES, Philip
				<b>Art Unit</b>	2439
				<b>Examiner Name</b>	SIMITOSKI, MICHAEL J
<b>Sheet</b>	7	<b>of</b>	8	<b>Attorney Docket No:</b> 010497	

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T2
	094	European Search Report - EP10004607, Search Authority - Munich Patent Office, 11-18-2010 (020020EPD1) .			<input type="checkbox"/>
	095	HAVERINEN, et al., "EAP SIM Authentication" draft-haverinen-pppext-eap-sim-11 .txt, [online] <URL:http://www.watersprings.org/pub/id/draft-haverinen-pppext-eap-sim-11 .txt> june 2003, pgs. 1-64.			<input type="checkbox"/>
	096	HAVERINEN H: "EAP SIM Authentication", 3GPP DRAFT; S3-010663_DRAFT-HAVERINEN-PPPEXT-EAP-SIM-0 2, 3RD GENERATION PARTNERSHIP-PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. SA WG3, no. Sophia; 20011128, 28 November 2001 (2001-11-28), XP050271835, [retrieved on 2001-11-28] .			<input type="checkbox"/>
	097	OKAMOTO, "Encryption Technology For Realizing A Bright Information Society 5: Management of Encryption Key Distribution", Bit, Japan, Kyoritsu Shuppan Co., Ltd., November 1, 1991, Vol. 23, No. 12, Pages 51 -59.			<input type="checkbox"/>
	098	Supplementary European Search Report - EP04777745, Search Authority - Berlin Patent Office, 12-14-2010 (030400) .			<input type="checkbox"/>
	099	Taiwanese Search report -093124861 - TIPO - 2010-12-07 (060806) .			<input type="checkbox"/>

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EXAMINER SIGNATURE

/Michael Simitoski/

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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